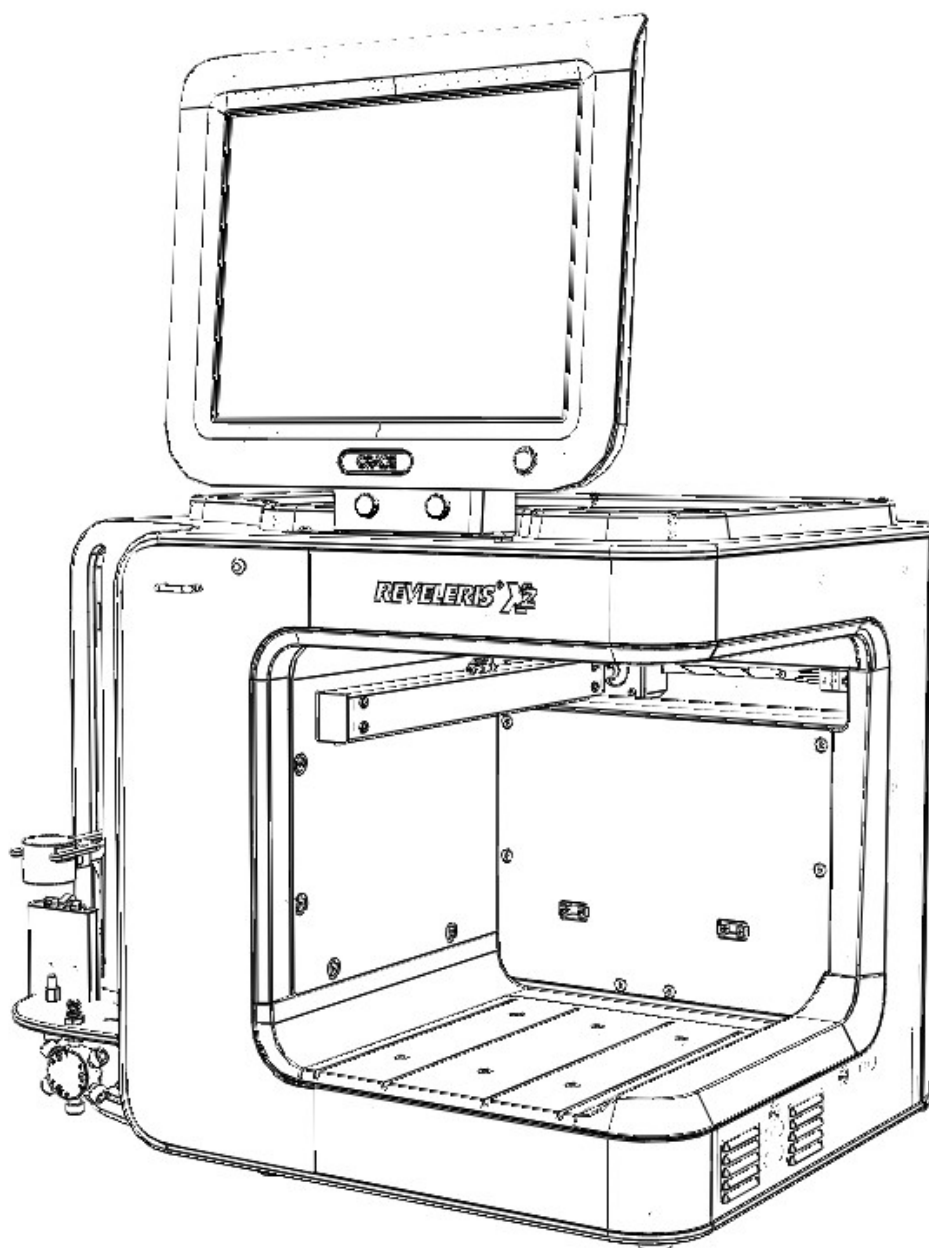




Reveleris® X2 Flash System

Technical data sheet

The patented RevealX™ detection technology combines multiple detector signals to optimize the timing of fraction collection. It synchronizes the signals from up to four different detectors, including ELSD, optimizing the number of fractions and ensuring maximum purity. The integrated detector signals and advanced signal processing recognize peaks and collect previously undetected compounds.



Scope of delivery

Components	Qty
Flash Solvent Tubing Assembly	1
Flash Waste Tubing Assembly	1
Sample Bypass, 1 pc	1
Column Bypass, 1 pc	1
Flash Touch-Screen Stylus, 1 pc	1
Adjustable Solid Loader Plunger 3 gram, 1 pc	1
Filled Solid Loader 3 gram, 1 pc	1
1/8" Antistatic Tubing 6 ft	1
Corrugated Tubing Assembly 20 ft	1
Fraction Collector Tray (60 positions, 18x150mm tubes), 2 pcs	1
Flash Solvent 38-430 Bottle Caps, 5pcs	1
Flash Solvent GL-45 Bottle Caps, 5pcs	1
Power Cord, 1 pc	1
Flangeless Fitting for 1/8" Tubing, 5 pcs	1
1/8" Flangeless Ferrule and SS ring, 5 pcs	1
Flangeless Fitting for 3/16" Solvent Tubing, 4 pcs	1
3/16" Flangeless Ferrule, 4 pcs	1
Fitting Tool, 1 pc	1
5 Amp Fuse, 1 pc	2
10 Amp Fuse, 1 pc	2
1/8" PTFE Tubing 10 ft	1

Order code

1 4 5 1 6 4 9 3 1 Reveleris® X2

Technical data

Display	Windows® based graphical LCD touchscreen with full on-screen QWERTY keyboard
Data Entry	Touchscreen or USB connection to mouse/keyboard
Solvent Delivery System	High pressure HPLC pumps, 4 independent channels with up to four solvents in a single run, auto-switches lines when solvent depletes, normal phase and reversed phase compatible
Pump Flow Rate	1 - 200 mL/min (accuracy +/- 3 %, precision +/- 0.5 % in the range 4 - 200 mL/min)
Maximum Pressure	200 psi (14 bar)
Gradients	Linear, step, isocratic. 4 solvent binary.
Sample Injection	Liquid or solid sample modes. Solid injection up to 75 g
Solid Loader Plunger	3 sizes fitting 15 mL, 75 mL, 150 mL solid loaders
Detector Sensitivity	Selectable sensitivity control high or low based on concentration of target compound
UV Wavelength Range	200-500 nm; up to 3 signals. Optional extension to visible wavelengths, UV-Vis 200-850 nm
Flash Cartridge Sizes	4-330 g luer type; up to 1500 g with adapter
Peak detection	Combination of up to 3 UV signals plus ELSD with slope and/or threshold detection
Fraction Collection	Holds two racks, with automatic rack recognition
Power Options	120/240 V, 50/60 Hz, 10 A
Dimensions (W x H x D)	16.5" x 21.5" x 18.0" (42.5 cm x 54.6 cm x 45.72 cm)
Instrument Weight	60 lbs (27 kg)

Accessories

Fraction Collection Racks	Qty.	Order number
Racks for 12 x 75 mm tubes	2	145148872
Racks for 13 x 100 mm tubes	2	145148874
Racks for 16 x 150 mm tubes	2	145148875
Racks for 18 x 150 mm tubes	2	145148885
Racks for 25 x 150mm tubes	2	145148886
Rack for 480 mL Square Bottles	1	145148873

Fraction Tubes	Qty.	Order number
12 x 75 mm	1000	148623413
13 x 100 mm	1000	148623414
16 x 150 mm	1000	148623416
18 x 150 mm	1000	148623410
25 x 150 mm	500	148623411
480 mL Square Bottles	24	148623412

Solid Loaders	Qty.	Order number
Empty Solid Loaders		
Empty tube / frits 3 g	100	145142050
Empty tube / frits 15 g	100	145142051
Empty tube / frits 40 g	50	145147808
Filled Solid Loaders		
Silica filled tube / frits 3 g	20	145152371
Silica filled tube / frits 15 g	16	145142034
Silica filled tube / frits 40 g	12	145147772
Adjustable Solid Loader Plungers		
Adjustable Plunger / Sleeve 3 g	1	145167302
Adjustable Plunger / Sleeve 15 g	1	145168541
Adjustable Plunger / Sleeve 40 g	1	145168534
Frit Insertion Rod 3 g	1	145162931
Frit Insertion Rod 15 g	1	145162902
Frit Insertion Rod 40 g	1	145162901

Software options	Qty.	Order number
Reveleris® UV-Vis upgrade	1	145167301
Reveleris® Navigator™ upgrade	1	145156620